

20040129.ba v03_n597.bam.20040129

>From ???@??? Thu Jan 29 21:43:05 2004 -0600
Message-Id: <200401300342.i0U3gmp4000690@sco.theporch.com>
Date: Thu, 29 Jan 2004 21:42:31 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3597

BOATANCHORS Digest 3597

Topics covered in this issue include:

- 1) FS: Atlas, Mosley, Meissner, Misc.
by "Merz Donald S" <merz.ds@mellon.com>
- 2) WANTED: HP and Dentrion Manual Copies
by "Merz Donald S" <merz.ds@mellon.com>
- 3) Re: Mystery Radio
by Al Klase <skywaves@bw.webex.net>
- 4) 30L-1
by JOHN.SEHRING@ecunet.org
- 5) Re: 30L-1
by k4pf@juno.com
- 6) WTB Collins KWM1 items
by "Tom Chirhart" <sparks@codepoets.com>
- 7) Collins Stock Certificates
by "Tom Chirhart" <sparks@codepoets.com>
- 8) Big Dummy
by Richard Dillman <ddillman@igc.org>
- 9) "glass balls" for ARC-39 capacitor
by Rodger Singley <rbsingl@ilstu.edu>
- 10) Re: "glass balls" for ARC-39 capacitor
by W7QH0@aol.com
- 11) Re: "glass balls" for ARC-39 capacitor
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 12) Glass balls for ARC-39 found
by Rodger Singley <rbsingl@ilstu.edu>
- 13) Re: "glass balls" for ARC-39 capacitor
by "Arden Allen" <gumbear@pacbell.net>
- 14) who had the BC-344????
by Tom Norris <r390a@bellsouth.net>
- 15) CW counts
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 16) ADMINISTRIVIA: Posting Admin Requests
by listown@nanniandjack.com (Mail List Owner)
- 17) Drake TR-6
by "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
- 18) QST Magazines for Sale

- by K8MF0@aol.com
- 19) UTC Transformer Connection Pin-Outs
by "Merz Donald S" <merz.ds@mellon.com>
 - 20) Hammarlund HXL-ONE MOD Question
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
 - 21) Central Electronics relay
by "Tom Smith" <tsmith@hal-pc.org>
 - 22) Re: Central Electronics relay
by cacutts@mindspring.com

Message-ID: <20040126150848.24737.qmail@mellon.com>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: FS: Atlas, Mosley, Meissner, Misc.
Date: Mon, 26 Jan 2004 10:08:45 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

FOR SALE

Mosley speaker model CMS-1 matching speaker for the Mosley CM-1 =
receiver. Some nicks and scratches at cabinet edges. Grille cloth and =
logo are excellent. All original. \$60

Atlas 210X HF transceiver for 10-80 meters with matching Atlas AC power =
supply. Working well, Some scratches on front panel. With original =
manual. \$175

Meissner 3-tube regen receiver. No cabinet. 4x7 inch copper chassis with =
4.5 x 8 inch steel front panel. Transformerless design. Tubes are 2 =
50B5's and one 6BJ6. Only two controls, tuning and on/of regen. Pin =
jacks on rear chassis apron. OK construction practices with lots of =
nasty wax caps that probably need replaced. As-is. \$29

Collins knob, large-ish with 2-1/8" skirt. Fits 32V3 Audio Gain control =
and probably others. \$7

Command Receiver original knob. Splined 6743 tuning knob for the command =
set receivers. \$16

Edison Mazda 40 volt light bulb, globe shaped with tip, looks new and =
perfect. \$29

Collins branded 811 (no A) tube. Used, good. \$15

New, old stock JAN 811 (no A) tube. In military JAN box that is falling =
apart. \$10

Used 811 tubes (not 811A). Six available. Good. \$5 each. No boxes.

Thanks for looking.

73, Don Merz, N3RHT=20

The information contained in this e-mail may be confidential and is =
intended solely for the use of the named addressee.=20

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therein by any other person is not authorized.=20

If you are not the intended recipient please notify us immediately by =
returning the e-mail to the originator.(A)=20

Message-ID: <20040126151218.12316.qmail@mellon.com>

Content-Class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Subject: WANTED: HP and Dentron Manual Copies

Date: Mon, 26 Jan 2004 10:12:16 -0500

From: "Merz Donald S" <merz.ds@mellon.com>

To: Old Tube Radios <boatanchors@theporch.com>

WANTED

Manuals or copies for the HP 3300A function generator and 3305A Sweep =
Plug-in.

Manual or copy for the Dentron Super Tuner Plus (note that this is the =
PLUS model)

Question: Why do I have 2 different manuals for the Eico 722 VF0? Both =
are dated 1962. Was this offered both built and as a kit? Maybe that =
would explain it...

Any help appreciated.

73, Don Merz, N3RHT=20

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intended solely for the use of the named addressee.=20

Access, copying or re-use of the e-mail or any information contained =
therein by any other person is not authorized.=20

If you are not the intended recipient please notify us immediately by =
returning the e-mail to the originator.(A)=20

Message-ID: <40153F1B.8040401@bw.webex.net>
Date: Mon, 26 Jan 2004 11:23:55 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Boatanchors <boatanchors@theporch.com>
Subject: Re: Mystery Radio
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Don,

It's a Radiomarine AR-8511. Too bad about the missing case.

I have original blue-lines of the schematic if that's helpful to anyone.

Regards,
Holmes

Merz Donald S wrote:

>>The sound you hear outside your window could be the hound...
>>So pull your overcoat about you, take a tug on your pipe and look over these pictures, Sherlock.
>>Can you identify this mystery radio?

--

Al Klase - N3FRQ
skywaves@webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Mon, 26 Jan 2004 12:24:08 -0500 (EST)
Message-Id: <200401261724.i0QH08RN166927@wine.ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 30L-1
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Ed Knobloch wrote about adding an MOV across C2 of the Collins 30L-1 to protect against effects of grid-plate short... Sounds interesting, but what/where is C2? (I have no schematic of 30L-1).

-John Sehring (Mon, Jan 26, 2004, 10:30 am) Dell Rapids SD - UCC - WB0EQ
"Live long and prosper." -John 10.10b (adapted)

Mime-Version: 1.0
Date: Mon, 26 Jan 2004 20:07:08 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: 30L-1
Content-Type: text/plain
From: k4pf@juno.com
Message-Id: <20040126.120750.3638.2088947@webmail14.lax.unttd.com>

JOHN.SEHRING@ecunet.org wrote:

>Ed Knobloch wrote about adding an MOV across C2 of the Collins 30L-1 to
>protect against effects of grid-plate short... Sounds interesting, but
>what/where is C2? (I have no schematic of 30L-1).

In the 30L-1, the filament transformer center tap is grounded,
and standby bias is applied to the 811A grids via an rf choke.
C2 is the bypass capacitor between the grid rf choke
and the standby bias supply (which also powers the antenna relay coil).
When C2 is shorted, via the antenna relay jack, the grid bias
goes to zero, actuating the amplifier tubes, and the antenna
relay pulls in, switching the exciter rf output to the 811A
cathodes.

The source of the -170V standby bias is a separate winding on the sole
transformer in the 30L-1. If an 811A fails via
a grid to plate short, the 1600VDC plate
supply will now be across C2, and the HV DC can reach
the transformer winding of the bias supply circuit.
This will smoke the transformer.

Placing a "130VAC" MOV across C2 should protect the standby bias
winding of the transformer long enough for the fuses to open.

73,
Ed Knobloch

From: "Tom Chirhart" <sparks@codepoets.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB Collins KWM1 items
Date: Mon, 26 Jan 2004 16:58:23 -0500
Message-ID: <NLEAIJDBAKDLGMNMKEIAMEDCCAAA.sparks@codepoets.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for the following....

516F1 power supply.

KWM-1 manual

matching speaker

anyone have these available?

73

Tom K4NCG

From: "Tom Chirhart" <sparks@codepoets.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins Stock Certificates
Date: Mon, 26 Jan 2004 17:03:36 -0500
Message-ID: <NLEAIJDBAKDLGMNMKEIACEDDCAAA.sparks@codepoets.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got a few nice cancelled Blue 100 share Collins stock certificates if anyone would like to frame one for your shack. \$6 each plus 2 units of first class postage (2X.37/.74) to the US. Outside USA would be more for postage. Could scan one if you'd like to see one.

73 Tom

Message-ID: <31989504.1075168407051.JavaMail.root@wamui03.slb.atl.earthlink.net>
Date: Mon, 26 Jan 2004 17:53:27 -0800 (GMT-08:00)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Big Dummy
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought my fellow boatanchorists might enjoy a glimpse of some of the truly heavy iron we deal with at the KPH transmitting station.

For this year's Straight Key Night we moved one of the RCA commercial transmitters to 7050kc. It, like all the transmitters, was remotely keyed from the receiving station. As usual the transmitter laid down a good signal especially as darkness fell.

But one of the stations we worked with this transmitter reported key clicks. We try to adhere to the highest standards and so oscilloscopes and spectrum analyzers were brought to bear. For these tests we often key the transmitter with a "dotter" - a device that not surprisingly generates continuous dots. We've found that if there is trouble with a transmitter the dotter will bring it out.

But first we had to connect the transmitter to a dummy load. Not just any dummy load, mind, but one for balanced line that can handle high power. Luckily we have two of these at the station. See:

<http://www.radiomarine.org/load.jpg>

In the process of testing things started to get squirrely with the transmitter. Meter readings weren't right and the power was down. Finally we were left with the terrible truth: power transformer failure. With the RCA transmitters this is no small thing. Here's a photo of the transformer after it was removed from its cabinet (separate from the transmitter):

<http://www.radiomarine.org/tx-1.jpg>

The transformer was megged and sure enough adjacent windings in one of the secondaries were shorted. The jury is still out on whether it can be repaired.

Since a transmitter without a power transformer is not much use our crack transmitter crew came up with a solution. We used a transformer from one of the Henry commercial transmitters with two autotransformers as the basis of a new setup. The previous power supply used thyratrons. These were changed to mercury vapor rectifiers for the new setup (without modifying the transmitter of course). This arrangement provides adequate voltage and current for amateur power. See:

<http://www.radiomarine.org/tx-2.jpg>

Final testing and tune up with the new setup is continuing.

Just another day around the ol' transmitting station.

VY 73,

RD

=====
Richard Dillman, W6AWO
Maritime Radio Historical Society
<http://www.radiomarine.org>
Collector of Harleys, Willys and

Radios over 100lbs.

=====

Message-Id: <5.1.0.14.2.20040120150819.00b06038@mail.ilstu.edu>
Date: Tue, 20 Jan 2004 15:17:16 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Rodger Singley <rbsingl@ilstu.edu>
Subject: "glass balls" for ARC-39 capacitor
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

Tough to come up with a decent subject line but I picked up an ARC-39 (2 - 9.1 MC AM aircraft transceiver) that needs these parts. This set uses little glass balls to hold up and insulate the stator section of the variable caps, one at the center front of each stator and 2 on either side at the rear of the stator. These are held in by tension, not enough in this case. Mine is missing 2 (nope, they are not inside the case!) I remember hearing of other military radios using this type of variable cap but not sure which ones. Seems like a strange design for an aircraft unit that would be subject to a lot of vibration and shock.

The ARC-39 looks very nice on the outside, came with manual, and appears unmodified. It uses a 6159 (6146 family tube) modulated by a pair of 6159's. It does have a smoked small resistor on the inside due to the capacitor shorting but fortunately the associated preselector coils survived. For \$5, not a bad deal but useless without its little insulators. I would appreciate any pointers towards finding these or substitute parts (cultured pearls, perhaps???)

Thanks,
Rodger WQ9E

From: W7QH0@aol.com
Message-ID: <c3.3d32892d.2d475bfb@aol.com>
Date: Tue, 27 Jan 2004 01:15:23 EST
Subject: Re: "glass balls" for ARC-39 capacitor
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_c3.3d32892d.2d475bfb_boundary"

--part1_c3.3d32892d.2d475bfb_boundary
Content-Type: text/plain; charset="ISO-8859-1"

Content-Transfer-Encoding: quoted-printable

In a message dated 1/26/04 9:04:08 PM, rbsing1@ilstu.edu writes (in part):

> Tough to come up with a decent subject line but I picked up an ARC-39 (2=20=
-=20
>=20
> 9.1 MC AM aircraft transceiver) that needs these parts.=A0 This set uses=20
> little glass balls to hold up and insulate the stator section of the=20
> variable caps, one at the center front of each stator and 2 on either side=
=20
> at the rear of the stator.=A0 These are held in by tension, not enough in=20
> this case.=A0 Mine is missing 2.....
>=20
Not specifically familiar with ARC-39 components but sound like the glass=20
beads in the WW2 command set variables (ARC-5 and SCR-274N series). Lots o=
f=20
these kicking around. Might be worth a look...

Dennis D. W7QHO
Glendale, CA

--part1_c3.3d32892d.2d475bfb_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_c3.3d32892d.2d475bfb_boundary--

Date: Tue, 27 Jan 2004 01:16:14 -0500 (EST)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200401270616.i0R6GEE10391@barnjob.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "glass balls" for ARC-39 capacitor

I'm pretty sure every ATA/274N/ARC5 tx had glass ball stator insulators.

Shouldn't be a shortage of those, in fact I may have a junk cap. for you... if you can estimate the ball size, I'll check & report back.

This all reminds me of the "leather balls to play rugby" bumper sticker. Nothing yet comes to mind except "glass balls to play gi radio."

Message-Id: <5.1.0.14.2.20040127103851.00b173c0@mail.ilstu.edu>
Date: Tue, 27 Jan 2004 10:40:39 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Rodger Singley <rbsingl@ilstu.edu>
Subject: Glass balls for ARC-39 found
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to everyone for their info and offers of replacements, one of the list members has offered me a cap with the balls in it so my ARC-39 should be "airworthy" again soon.

I actually sent the original email to the list server a week ago but it seems our university email server decided to hold it for awhile. The battle between old tech and new tech continues.

73,
Rodger WQ9E

Message-ID: <002501c3e4f5\$4d5fa4a0\$63e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "glass balls" for ARC-39 capacitor
Date: Tue, 27 Jan 2004 08:47:41 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This make take glass balls to suggest: The little colored glass balls used for decorative floor covering in aquariums. Sort of giant sized sand pebbles in other words. Right size? Take your calipers to the pet store.

Arden Allen
KB6NAX

Mime-Version: 1.0
Message-Id: <p06020409bc3d6ea673f7@[10.0.1.2]>
Date: Wed, 28 Jan 2004 07:52:19 -0600

To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: who had the BC-344????
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Someone had a BC-344 receiver listed a couple days ago on the list, I replied, he replied, I accidentally deleted all emails about the thing! Ooops!

Get back with me? I haven't forgotten, honest!

Date: Wed, 28 Jan 2004 10:41:11 -0500 (EST)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200401281541.i0SFfBk13051@barnjob.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CW counts

.----, ..---,, etc.

As down-east Bert would say, "Ahhh-yup."

In another vein, was listening to an GREAT late nite music broadcast on 31m @ o-dark early. Radio was my recently revived MINERVA TROPICMASTERD.

Announcer spoke spanish. However my espanol pretty much ended at the Cisco kid's Pancho. So announcer dialog was lost. But on the hour came

-.-. -. -... .-

in beautiful MCW. That said it all.

Copy your ARRL SCM on this right away.

In the words of ah7i

If chickens can learn piano
Hams can be taught morris code

Message-Id: <200401281915.i0SJF090015577@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Wed, 28 Jan 2004 11:15:00 -0800 (PST)

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@nanniandjack.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

PLEASE treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@nanniandjack.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Wed Jan 28 11:15:00 PST 2004

Content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Subject: Drake TR-6

Date: Wed, 28 Jan 2004 13:26:22 -0500

Message-ID: <83C7CE5F7B575C4E94AA0B5379B1414A29035B@mb-ncr-023.ad.pwgsc-

tpsgc.gc.ca>
From: "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
To: Old Tube Radios <boatanchors@theporch.com>

Gang,

I recently obtained a nice TR-6 and I am in the process of cleaning it. =
I have tried (without success to) remove the PA cage. While it was easy =
to uncouple the extender shafts, the shafts of the 2 variable capacitors =
protrude through holes in the cage thus preventing its removal. I'd =
appreciate it if someone could let me know how to remove the PA cage.

Finally, my TR-6 came with only the stock USB filter. I imagine the =
other filters are impossible to obtain, but I thought I'd ask if there =
is a source.

73

Ray Perrin
VE3FN, VY0AAA

From: K8MF0@aol.com
Message-ID: <17c.25ed1c80.2d4ab7e5@aol.com>
Date: Thu, 29 Jan 2004 14:24:21 EST
Subject: QST Magazines for Sale
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_17c.25ed1c80.2d4ab7e5_boundary"

--part1_17c.25ed1c80.2d4ab7e5_boundary
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

HELP!=A0=A0 I'm trapped=A0 ..=A0=A0=A0 I can't move through either my hamsha=
ck or=20
adjacent storage room anymore.=A0=A0=A0=A0 We even built a new barn with wor=
kshop for my=20
treasures, but that is reserved only for "heavy metal" objects.

I have complete years of QST in good condition, always stored in the house,=20
for sale.

First segment of years available ---A0=A0 1990, 1991, 1992, 1993, 1994, 1995=
,=20
1996, 1997, 1998, 1999, and 2000.=A0=A0=A0=A0=A0 Others coming later...

Will sell complete years only=A0=A0=A0 -=A0 \$11, which INCLUDES MEDIA MAIL S=HIPPING=20
in CONUS.=A0 A year's worth of QSTs is heavy!

Thanks

Don Karvonen K8MF0

--part1_17c.25ed1c80.2d4ab7e5_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_17c.25ed1c80.2d4ab7e5_boundary--

Message-ID: <20040129210551.6908.qmail@mellon.com>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: UTC Transformer Connection Pin-Outs
Date: Thu, 29 Jan 2004 16:05:49 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

When it comes to researching transformers, I have found that there are 2 = levels--finding out what the heck kind of transformer the model number = represents, and then mapping out the connections. For universal audio = transformers, these connections never seem to be straightforward. Many = of them have terminals instead of wires, so there is no color code. I = can figure it out (pretty much) if I have to. But I could also get it = wrong. Better to have original documentation if at all possible.

So here I am with these big, round UTC transformers. They are definitely =

multi-match audio types of some kind. Two of them are marked CG-3xx, and =
the 3rd one is CVP-3. These are all listed in UTC's 1954 catalog. They =
are all shown as variable match output transformers for PA use (CG =
stands for "Commercial Grade"--whatever that is supposed to signify).

Anyway, does anyone have any UTC documentation that would show the =
wiring diagrams of these output transformers?

Any help appreciated.

Thanks.

73, Don Merz, N3RHT=20

The information contained in this e-mail may be confidential and is =
intended solely for the use of the named addressee.=20

Access, copying or re-use of the e-mail or any information contained =
therein by any other person is not authorized.=20

If you are not the intended recipient please notify us immediately by =
returning the e-mail to the originator.(A)=20

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Subject: Hammarlund HXL-ONE MOD Question

Date: Thu, 29 Jan 2004 17:04:44 -0600

Message-ID: <42ECC21B33DFF245BAFAF57274BA5CE501E6F5CE@stpmse04.stp.guidant.com>

From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>

To: Old Tube Radios <boatanchors@theporch.com>

I took delivery of my HXL-ONE yesturday. The condition is excellent, a =
real nice looker! I was disappointed though to find an unexpected =
control knob on the front panel. I took a picture and put it up on my =
website, photo is at

http://www.qsl.net/wa9wfa/Front_Panel.jpg

http://www.qsl.net/wa9wfa/chassis_switch.jpg

http://www.qsl.net/wa9wfa/chassis_flex_coupling.jpg

The first one is the front panel showing the extra control. You can see =
it between the Meter and Power switch. I did observe that the extra =
control comes out of one of the front panel mounting screws, so it could =
be restored back to near original but the original ganging hardware is =
gone. I'm sure the hole was enlarged a bit too, but a new hole wasn't =
drilled for it. There is a flexible coupling attached between the knob =
and a switch, shown in the chassis_switch.jpg photo. The switch has the =
5 silver mica filter caps attached to it and the new L12 inductor. Its =
an external control for the tuned input filter. It looks like the tuned =

input filter may at one time have been ganged to the frequency switch, =
or at least thats what the manual update sheet suggest. If you look at =
the chassis_flex_coupling photo, you can see a slot behind the 1.3Meg =
meter resistors. That is where the 'ganging' string went or should have =
gone. What is curious is that the 1.3 meg meter resistor is parked =
over the ganging slot. I looked at the HXL-ONE manual and it shows =
those resistors out of the way and the slot wide open. If someone were =
changing the filter control, why would they move the 1.3 meg resistors =
over? Any comments?

While the mod is nicely done (actually very nicely done), I don't recall =
ever hearing about the tuned input filter mod being a another control on =
the front panel. Have you guys ever heard of a factory front panel mod =
like this or did a previous owner do this on his own?

Any insight on this? I don't like extra controls... Thanks,

73, Scott WA9WFA

From: "Tom Smith" <tsmith@hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Central Electronics relay
Date: Thu, 29 Jan 2004 20:37:09 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0019_01C3E6A7.AC7B6240"
Message-ID: <auto-000082448544@mail.hal-pc.org>

This is a multi-part message in MIME format.

-----_NextPart_000_0019_01C3E6A7.AC7B6240
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm in the process of restoring a Central Electronics 20A and find the relay
is open. It has a 12K ohm coil that is made up of ultra fine wire. I
entertained the idea of rewinding the coil but NOT! Does anyone on the list
have a parts unit that has a good relay they are willing to sell?

Thanks,

Tom N5AMA

-----=_NextPart_000_0019_01C3E6A7.AC7B6240
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0019_01C3E6A7.AC7B6240--

Message-ID: <3599912.1075431636716.JavaMail.root@wamui08.slb.atl.earthlink.net>
Date: Thu, 29 Jan 2004 22:00:34 -0500 (GMT-05:00)
From: cacutts@mindspring.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Central Electronics relay
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Tom Smith <tsmith@hal-pc.org>
Sent: Jan 29, 2004 9:37 PM
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Central Electronics relay

I'm in the process of restoring a Central Electronics 20A and find the relay is open. It has a 12K ohm coil that is made up of ultra fine wire. I entertained the idea of rewinding the coil but NOT! Does anyone on the list have a parts unit that has a good relay they are willing to sell?

Thanks,

Tom N5AMA

Tom,

The coil can be purchased from Nick Tusa at the following URL:

<http://www.tusaconsulting.com/ce.htm>

Allen Cutts
N4OZI

End of BOATANCHORS Digest 3597
